

1 **ABSTRACT**

2 Methods and apparatuses are provided that can inform certain processes
3 and/or even the user about the relative strength/weakness of cryptography services
4 being used. In certain methods, for example, at least one cryptography service
5 parameter threshold is established. The method further includes, selectively
6 detecting a request for at least one cryptography service, and selectively
7 performing at least one correctness detection action based on the requested
8 cryptography service and the cryptography service parameter threshold. The
9 cryptography service parameter threshold identifies acceptable/unacceptable
10 cryptography algorithms, acceptable/unacceptable cryptography key size
11 parameters, acceptable/unacceptable cryptography seed size parameters, and other
12 like parameters that the requested cryptography service information can be
13 compared with.